

Activity 3 – My Green Down Data

1) Upload your data to globe.gov website

To share the data with other schools and see a graph of your leaf changing color over time, upload the data to the GLOBE website. It is not complicated, just give it a try.

- Follow the guide we prepared for you.
- You need the data that you collected at Activity 1 and 2.

Example of Completed Green-Down Data Sheet

Tree, Shrub, and Grass Green-Down

Date YYYY-MM-DD (year-month-day)	Growing season cycle (1, 2 or 3)	Leaf 1 (Color, fallen, snow covered)	Leaf 2 (Color, fallen, snow covered)	Leaf 3 (Color, fallen, snow covered)	Leaf 4 (Color, fallen, snow covered)	Data submitted to GLOBE
2013-09-30	1	5 G 7/4	5 G 7/4	5 G 7/4	5 G 7/4	<input type="checkbox"/>
2013-10-03	1	5 G 7/4	5 G 7/4	5 G 7/4	2.5 Y 8/6	<input type="checkbox"/>
2013-10-07	1	5 G 7/4	2.5 Y 8/6	5 G 7/4	2.5 Y 8/6	<input type="checkbox"/>
2013-10-11	1	5 G 7/4	2.5 Y 8/6	2.5 Y 8/6	2.5 Y 8/6	<input type="checkbox"/>
2013-10-14	1	5 G 7/4	2.5 Y 8/6	2.5 Y 8/6	2.5 Y 8/6	<input type="checkbox"/>
2013-10-16	1	2.5 Y 8/6	2.5 Y 8/6	2.5 Y 8/6	2.5 Y 8/6	<input type="checkbox"/>
2013-10-20	1	2.5 Y 8/6	2.5 Y 8/6	2.5 Y 8/6	7.5 YR 6/4	<input type="checkbox"/>
2013-10-23	1	2.5 Y 8/6	2.5 Y 8/6	2.5 Y 8/6	7.5 YR 6/4	<input type="checkbox"/>
2013-10-27	1	2.5 Y 8/6	2.5 Y 8/6	2.5 Y 8/6	7.5 YR 6/4	<input type="checkbox"/>
2013-10-30	1	2.5 Y 8/6	2.5 Y 8/6	7.5 YR 6/4	7.5 YR 6/4	<input type="checkbox"/>
2013-11-04	1	2.5 Y 8/6	7.5 YR 6/4	7.5 YR 6/4	fallen	<input type="checkbox"/>

2) See the graph of your tree color change at the GLOBE [Visualization tool](#)

Once your data are uploaded, you can see a graph of leaf color change and print it out

3) Compare your data to the data of another school at the GLOBE [Visualization tool](#)

- Filter out the Green Down data from schools in your country or any other location
- Compare the same species and see if the date of last leaf lost was the same
- Ask students to come with a hypothesis why the last leaf lost date differs. Let them find out more about the specific conditions of the site where the tree grows (latitude, longitude, elevation, air temperature, precipitation)

It is easy. If you are not familiar with the Visualization tool, please see the video guide.

<https://www.globe.gov/get-trained/using-the-globe-website/retrieve-and-visualize-your-data>

4) Share your graph in the [Discussion forum](#). Comment on how your data differ from data of other schools.

We are here to help you.

If you have any technical issue when uploading the data and working with Visualization tool, please contact us at ee.region.globe@gmail.com. Most of the problems can be solved by one or two more clicks! We will tell you how to do it 😊

And do not forget to continue measuring the length of the leaf and taking pictures with GrowApp!

The activity should be completed up to December 3.